ABSTRACT OF THE DISCLOSURE

A method and mechanism of enforcing community access control in a computer network, wherein access to objects by users and processes is controlled. A Multi-Community Node (MCN) processes information for users in multiple communities and must enforce a community separation policy. The enforcement method and mechanism use a database of associations of sets of communities corresponding to users, processes, and system objects. Upon receiving a request for access to an object by a user, the MCN permits access if a user community set (UCS) of the user is a superset of an object community set (OCS) of the object; otherwise, access is denied. Upon receiving a request for access to an object by a process, the MCN permits access if an application process community set (ACS) of the process is a superset the OCS of the object; otherwise, access is denied.